

## AMENDMENTS TO THE CLAIMS

*Please cancel claims 7, 12, and 22 without prejudice.*

*Please amend the claims as follows:*

1. (Currently amended) A method comprising:  
requesting a service for a platform from a service provider;  
receiving a service key request for the service from the service provider, wherein  
the service key is to be ~~limited~~ restricted to one or more acceptable  
configurations of the platform, the configuration of the platform being  
represented by a set of platform configuration registers, the service  
provider having a policy regarding which configurations are acceptable,  
the acceptable configurations being represented by allowable  
combinations of values of the platform configuration registers;  
generating a service key pair that is ~~limited~~ restricted to the platform  
configuration register values for the one or more acceptable configurations  
of the platform, the service key pair including a public key and a private  
key, and returning ~~[[a]]~~ the public key of the key pair to the service  
provider;  
certifying the use of the service for the one or more acceptable configurations of  
the platform; and  
receiving a session key for a session of the service from the service provider, ~~the~~  
~~service being limited to the one or more acceptable configurations of the~~  
~~platform~~ the session key being bound with the public key of the service

key pair, wherein the private key of the service key pair may be utilized to unbind the session key only if the configuration of the platform matches the one or more acceptable configurations to which the service key is restricted.

2. (Previously presented) The method of claim 1, further comprising obtaining an identifying credential, wherein the identifying credential is provided to the service provider.
3. (Original) The method of claim 2, wherein the identifying credential comprises an attestation identification key (AIK) certificate.
4. (Original) The method of claim 2, wherein the identifying credential is obtained from a trusted third party.
5. (Original) The method of claim 2, wherein the identifying credential is obtained through a transaction with the service provider.
6. (Currently amended) The method of claim 1, wherein certifying the use of the service comprises includes a process selected from the group consisting of producing hash data relating to the one or more acceptable configurations; and confirming that a chosen configuration is included in a set of platform configuration register values representing the one or more acceptable configurations.
7. (Cancelled)

8. (Currently amended) A method comprising:
- receiving a service request at a service provider from a client for a platform;
- creating a service key generation request for the client, wherein the service key is
- to be ~~limited~~ restricted to one or more acceptable configurations of the
- platform, the configuration of the platform being represented by a set of
- platform configuration registers, wherein a policy of the service provider
- indicates which configurations are acceptable, the acceptable
- configurations being represented by allowable combinations of values of
- the platform configuration registers;
- receiving a public key of a service key pair from the client in response to the
- service generation request, the service key pair including the public key
- and a private key, the service key pair being ~~limited~~ restricted to the
- platform configuration register values of the one or more acceptable
- configurations of the platform;
- validating the service key, validation of the service key comprising receipt of
- assurance that the service is used only for one or more acceptable
- configurations for the platform; [[and]]
- binding the session key with the public key of the service key pair, wherein the
- private key of the service key pair may be utilized to unbind the session
- key only if the configuration of the platform matches the one or more
- acceptable configurations to which the service key is restricted; and

providing a session key for the service to the client based on the validated service key, the service being ~~limited~~ restricted to the one or more acceptable configurations.

9. (Original) The method of claim 8, further comprising receiving an identifying credential from the client.
10. (Original) The method of claim 9, wherein the identifying credential comprises an attestation identification key (AIK) certificate.
11. (Currently amended) The method of claim 8, wherein validating the service key comprises a process selected from the group consisting of sending a certification request to the client and receiving hash data relating to the one or more acceptable configurations; and sending a list of platform configuration register value sets for the one or more acceptable configurations to the client and receiving a confirmation that a chosen configuration is included in the list of platform configuration register value sets.
12. (Cancelled)
13. (Currently amended) A client device comprising:  
a communication device to communicate with a service provider, the client device to request a service from the service provider for a platform; and  
a trusted platform module (TPM) to provide secure operations in connection with the service from the service provider;  
wherein the client device is to:

receive a service key request for the service from the service provider,

wherein the service key is to be ~~limited~~ restricted to one or more acceptable configurations of the platform, the configuration of the platform being represented by a set of platform configuration registers, the service provider having a policy regarding which configurations are acceptable, the acceptable configurations being represented by allowable combinations of values of the platform configuration registers,

generate a service key pair that is ~~limited~~ restricted to the platform configuration register values for the one or more acceptable configurations of the platform the service key pair including a public key and a private key, and return ~~[[a]]~~ the public key of the service key pair to the service provider,

provide assurance to the service provider that the service is ~~limited~~ restricted to the one or more acceptable configurations for the platform, and

receive a session key for a session of the service from the service provider,

~~the service being limited to the one or more acceptable configurations of the platform~~ the session key being bound with the public key of the service key pair, wherein the private key of the service key pair may be utilized to unbind the session key only if the configuration of the platform matches the one or more acceptable configurations to which the service key is restricted.

14. (Original) The client device of claim 13, wherein the provision of assurance to the service provider comprises receiving a certification request from the service provider, producing hash data relating to the one or more acceptable configurations using the trusted platform module, and sending the hash data to the service provider.
15. (Currently amended) The client device of claim 13, wherein the provision of assurance to the service provider comprises receiving a list of acceptable platform configuration register value sets relating to the one or more acceptable configurations and sending a confirmation that a chosen configuration is included in the list of acceptable platform configuration register value sets.
16. (Currently amended) A system comprising:  
a client device, the client device comprising a trusted platform module, the client device to request a service for a platform of the client; and  
a service provider to provide a service to the client device, the service provider to receive the service request from the client and create a service key generation request for the client, wherein the service key is to be ~~limited~~ restricted to one or more acceptable configurations of the platform, the configuration of the platform being represented by a set of platform configuration registers, wherein a policy indicates which configurations are acceptable, the acceptable configurations being represented by allowable combinations of values of the platform configuration registers;  
the client device to generate a service key pair in response, the service key pair including a public key and a private key, the service key pair that is

~~limited~~ being restricted to the platform configuration register values of one or more acceptable configurations of the platform and to return a public key of the key pair to the service provider, certify that the service will be utilized only in one or more acceptable configurations of a platform of the client device, and receive a session key for a session of the service from the service provider, the service being limited to the one or more acceptable configurations of the platform the session key being bound with the public key of the service key pair, wherein the private key of the service key pair may be utilized to unbind the session key only if the configuration of the platform matches the one or more acceptable configurations to which the service key is restricted.

17. (Original) The system of claim 16, wherein the client device obtains an identifying credential.
18. (Original) The system of claim 17, wherein the identifying credential comprises an attestation identification key (AIK) certificate.
19. (Original) The system of claim 17, wherein the identifying credential is obtained from a trusted third party.
20. (Original) The system of claim 17, wherein the identifying credential is obtained through a transaction with the service provider.
21. (Currently amended) The system of claim 16, wherein certifying the use of the service comprises a process selected from the group consisting of producing hash

data relating to the one or more acceptable configurations; and confirming that a chosen configuration is included in a set of platform configuration register values representing the one or more acceptable configurations.

22. (Cancelled)

23. (Currently amended) A computer-readable medium having stored thereon data representing sequences of instructions that, when executed by a processor, cause the processor to perform operations comprising:

requesting a service for a platform from a service provider;

receiving a service key request for the service from the service provider, where

the service key is to be ~~limited~~ restricted to one or more acceptable configurations of the platform, the configuration of the platform being represented by a set of platform configuration registers, the service provider having a policy regarding which configurations are acceptable, the acceptable configurations being represented by allowable combinations of values of the platform configuration registers;

generating a service key pair that is ~~limited~~ restricted to the platform configuration register values for the one or more acceptable configurations of the platform, the service key pair including a public key and a private key, and returning ~~[[a]]~~ the public key of the key pair to the service provider;

certifying the use of the service for the one or more acceptable configurations of the platform; and



receiving a session key for a session of the service from the service provider, ~~the~~  
service being limited to the one or more acceptable configurations of the  
~~platform~~ the session key being bound with the public key of the service  
key pair, wherein the private key of the service key pair may be utilized to  
unbind the session key only if the configuration of the platform matches  
the one or more acceptable configurations to which the service key is  
restricted.

24. (Original) The medium of claim 23, wherein certifying the use of the service comprises producing hash data relating to the one or more acceptable configurations.
25. (Currently amended) The medium of claim 23, wherein certifying the use of the service comprises confirming that platform configuration values for a chosen  
configuration [[is]] are included in a set of platform configuration register values  
representing the one or more acceptable configurations.
26. (Currently amended) A computer-readable medium having stored thereon data  
representing sequences of instructions that, when executed by a processor, cause  
the processor to perform operations comprising:  
receiving a service request at a service provided from a client for a platform;  
creating a service key generation request for the client, wherein the service key is  
to be ~~limited~~ restricted to one or more acceptable configurations of the  
platform, the configuration of the platform being represented by a set of  
platform configuration registers, wherein a policy indicates which

configurations are acceptable, the acceptable configurations being represented by allowable combinations of values of the platform configuration registers;

receiving a public key of a service key pair from the client, the service key pair including the public key and a private key, the service key pair being ~~limited~~ restricted to the platform configuration register values of the one or more acceptable configurations of the platform;

validating the service key, validation of the service key comprising receipt of assurance that the service is used only for one or more acceptable configurations; [[and]]

binding the session key with the public key of the service key pair, wherein the private key of the service key pair may be utilized to unbind the session key only if the configuration of the platform matches the one or more acceptable configurations to which the service key is restricted; and

providing a session key for the service to client based on the validated key, the service being ~~limited~~ restricted to the one or more acceptable configurations.

27. (Original) The medium of claim 26, wherein validating the service key comprises sending a certification request to the client and receiving hash data relating to the one or more acceptable configurations.
28. (Currently amended) The medium of claim 27, wherein validating the service key comprises sending a list of platform configuration register value sets for the one or more acceptable configurations to the client and receiving a confirmation that a

chosen configuration is included in the list of platform configuration register  
value sets.